



Publikationen Dr. rer. nat. Birgit Simgen

Originalarbeiten

2008

- ▶ **Theoretical and experimental evaluation of a CYP106A2 low homology model and production of mutants with changed activity and selectivity of hydroxylation**

Lisurek M, Simgen B, Antes I, Bernhardt R
Chembiochem: 9(9), 1439-1449 (2008)

2006

- ▶ **Function and engineering of the 15beta-hydroxylase CYP106A2**

Virus C, Lisurek M, Simgen B, Hannemann F, Bernhardt R
Biochem Soc Trans: 34(Pt 6), 1215-1218 (2006)

2000

- ▶ **Substrate binding to 15beta-hydroxylase (CYP106A2) probed by FT infrared spectroscopic studies of the iron ligand CO stretch vibration**

Simgen B, Contzen J, Schwarzer R, Bernhardt R, Jung C
Biochem Biophys Res Commun: 269(3), 737-742 (2000)